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This User's Manual provides you assistance during the installation and use of plasma screen. Detailed descriptions and drawings as well as the user-friendly on-screen illustrations in the user's manual makes installation and use easier even for the new users. The contents of this User's Manual may be altered without prior notification due to technical improvements. Always make sure that you use the latest version of this user's manual.

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Important Considerations to Follow:

So that a case which endangers your health does not occur during contracted use, read and pay attention to the notes on safety. The errors made during installation and connecting may harm the device or the subsequent respective devices.

Always keep the instructions for use ready. Follow the instructions on the device and in the user's manual.

• General references

Please read the general considerations on safety and user's manual in detail before connecting the plasma screen. Only by this way you can use all the functions safely and securely.

Keep the user's manual as close to the device as possible to search for information. Follow the instructions on the device and in the user's manual. Never let the children use the electrical devices unattended.

• Use

The plasma TV you have purchased has the highest quality codes and standards possible in this business line. This plasma TV contains a mass comprising of pixels. A pixel comprises of three elements (red, green and blue). Despite the fact that the highest quality check practices have been used during the manufacture of screens, that some pixels or pixel elements are faulty cannot be excluded 100%. These faults may occur as continuously lighted pixels, unlighted pixels or unbalanced pixels (flashing).

Therefore, we beg your understanding, stating that these faults are not covered by guarantee. This is applicable so long as the total of all the faulty pixels or pixel elements do not exceed the 0.01% of the total number. The brightness and contrast of plasma screen decreases in time. Plasma screens are phosphorus based and in some operating conditions "Burning" effect may occur. This is actually the natural deterioration of phosphorus and an ordinary course in plasma technology.

The operating conditions mentioned above are:

- displaying static images for long durations
- displaying the same background continuously
- using a format other than full screen (e.g. 4:3) for long durations.

When burning occurs, it is usually not correctable.

Please follow the below listed recommendations to avoid or decrease burning effect:

- For the first 100 hours of use, please use the animated pictures or constantly moving still pictures in full screen mode (slide show).
- Please use your plasma TV in full screen mode (16:9)
- In case the plasma screen is used as a PC monitor, please use animated pictures.

Always turn the screen off when not in use.

- Reduce contrast and brightness as far as possible.
- If possible, display the images with maximum color profundity and scale.

Certain situations may cause a buzzing sound in the electronics of the screen. This usually results from the fact that the grounded cables of the main electric supply are different. A method to solve this problem is inserting a filter between the antenna cable and antenna input. These filters are available at all specialist commercial stores. If the plasma screen is connected to an external antenna, it should be grounded to protect it from electrical dangers and static discharges. Grounding should be in compliance with the legal regulations in implementation and be performed accordingly.

• Environmental Conditions

Never use the plasma screen in the environmental conditions different from the technical data. Different conditions endangers the device and may cause fire or fault.

Protect the plasma screen from humidity. This refers to high moisture, closeness to water, water drops and water splashes as well as rain. Do not put any container full of water (e.g. a vase) on the device.

Protect the device from heat. Keep away from flames, heating devices, ovens or continuous direct sunlight.

Protect the screen against heat accumulation. Do not cover the ventilation holes. In horizontal position, keep min.10 cm above and below ventilation holes to furniture and ceiling and 4 cm from the sides and the back. Do not cover the device with veils. The screen has been designed to be mounted to wall or equipments in horizontal position.

• Network Connection

Network input and network key is located on the back side. The network input is located on the upper right and the network key is located on the upper middle. To connect the screen to network voltage, the network key should be switched off and the network cable should be removed from the network input module.

Connect the plasma screen to a socket the grounding contacts has been arranged according to the regulations and the main voltage to a socket in compliance with the technical data of the device.

Make sure that the network plug and socket are always in an accessible position. Insert the mains lead so that no one gets tripped. Only use the supplied mains lead. Protect it against any damages and do not make any modifications on it. Never use a damaged mains lead.

- **Signal Inputs**

Always shut down the plasma screen and signal supply before establishing any connections between two devices.

- **Disorders**

In case there is any damage in the mains lead or the device, remove the power lead from the socket immediately. Under no circumstances do you dismantle and/or repair the device by yourself. Instead, contact our Service Support Line or another professional workshop.

- **Batteries**

When swallowed, the batteries pose fatal danger. Therefore, you should keep the batteries away from the reach of little children. If a battery is swallowed, immediately seek medical assistance. Immediately remove the used up batteries from the remote control since they may leak and consequently cause damage.

The batteries supplied with the device should not be recharged or utilized in any other way, be divided into pieces, thrown into fire or shorted.

DISCONNECT THE TV COMPLETELY, SHUT OFF THE NETWORK OUTLET AND REMOVE THE MAINS LEAD.

Used up batteries should not be disposed of with the normal household waste. Batteries should be disposed of in waste collection points designed for this purpose.

- **Cleaning and Maintenance**

Switch off the device before cleaning and remove the mains lead from the socket. Wait for a few minutes for the capacitors in the device to discharge. Use a soft damp cloth for cleaning. You should avoid chemical solutions and cleaning agents, since they will damage the surfaces.


- The plasma screen creates internal high voltage for gas discharge. Power off during installation, maintenance and repair and disconnect the power cable from the plug. Wait for a few minutes for the capacitors in the device to discharge.
- In case foreign substances such as water, fluids, metal fragments, etc. enters into the device, immediately disconnect the mains lead. Never attempt to touch anything in the device with any object. There is the danger of electric shock or accident.
- If an odd smell is emitted or abnormal noises are heard from the device, immediately disconnect the mains lead. If the no image is displayed in the screen after switching on or during use, do the same. In such a case, never attempt to continue operating the screen.
- In case of long terms of disuse or thunderstorm, pull out the mains lead from the socket the antenna plug from the antenna socket.

- Never connect or disconnect the mains lead with your hands wet. Never switch on the network key with wet hands.
- Only use the supplied mains lead. Protect it against any damages and do not make any modifications on it. Never use a damaged mains lead.
- The plasma screen has a glass surface. In case the device is exposed to overload (e.g. shake, vibration, twist or heat shock), the glass surface may get broken. Do not expose the glass surface to any pressure or shake. In case the glass gets broken, disconnect the mains lead and do not touch the glass with naked hands.
- When switched to stand-by mode, the plasma screen remains connected to the network. To cut the connection completely, you should switch the network key to 0 position or pull out the mains lead from the plug.
- For ergonomic reasons, it is recommended that you avoid using red or blue fonts or symbols on dark backgrounds. Such an image may cause illegibility due to low contrast and tires the eyes early. Therefore, use high contrast images like black font on white background.
- Pay attention to loudspeaker output technical data during the connection of external speakers. In case the loudspeakers are wrong-sized, the loudspeaker and/or internal amplifier may be damaged.
- Now, the unnecessary packs and packaging sources are recyclable and must always be recycled.
- Place the cardboard vertically, bottom side on a firm ground. You may recognize the upper part from the direction of the arrows on the longitudinal side.
- Plasma screen may only be mounted on the vertical (upright) walls with the assembling unit. Make sure that the screen is switched off and the mains lead and signal cable have been disconnected from their plugs. The background should be firm and of a structure to carry the load. Material suitable for different wall superstructures such as wooden walls or empty walls should be used. If you have any doubt, contact your authorized sales or service department.

Safety Warnings!

Your and other people's safety is important. Therefore, please read the Safety Instructions, **before** using this TV set.

Safety Instructions

 Please read these safety instructions before using your TV set for the first time.



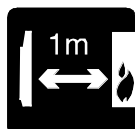
- Position your TV to prevent the sunlight from directly reflecting on the screen. Excessive light results in loss of colour.



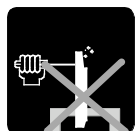
- Place the electric supply or other cables so that they are not stepped on or get caught by the objects placed near them.



- Do not place objects full of liquids like vase or pot near the TV.
- Do not expose the TV to liquids drops or splashes.
- Do not place open fire sources on the TV set like lighted candles.



- Make sure that naked flame sources like candles are not placed on the device.
- Keep away your TV from heat radiating sources such as stove, radiator, furnace, etc.



- Do not push, hit or screw the screen of your product.



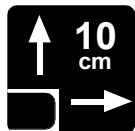
- The heat generated in the device goes out from the ventilation holes, so do not cover the receiver with veils, thick fabric, etc., since they may prevent air circulation. Do not place your TV on a carpet or a soft ground.
- Never let the children insert foreign substances in the open sections or slots of your TV.



- Clean the TV screen with a slightly damp cloth or chamois. Never use corrosive cleaning agents like liquid or aerosol cleaners.
- Disconnect mains lead of the device from its plug when cleaning.



- Never pressurize the screen when cleaning.
- Never position your screen on hard objects. Your plasma TV might be damaged.



- If you wish to place the TV on a shelf or a wall unit, leave minimum 10 cm of clearance from the top, sides and back of the TV.
- Your TV has been designed to operate in 230 AC; 50Hz voltages. Do not connect your TV to a power supply other than your TV.



- If you are not going to use your TV for a while, please pull the power lead from the wall outlet.
- To completely disconnect the TV, the mains lead is used as disconnecting unit and therefore it is ready for use.

Product Description

High technology signal processing, cross 106 cm flat 16:9 plasma screen, user friendly, interactive remote control together with an attractive case with a less modular depth represents the new generation info presentation.

Use of the best generation of plasma screens, computer images and presentations as well as high contrast warrants perfect video images. A variety of interconnection alternatives makes integration to existing and new visual systems easier.

- **Screen: flat – large – thin (for SD)**

The new plasma screen offers a resolution of 852x480 pixels on the 920 mm x 512 mm screen surface. 16.7 millions of colours with a degree of 256 RGB offers limitless colour view and an image screening closest to the original. Enjoy the video and data images on the cross 106 cm screen and admire the depth of only 129 mm.

- **Silent**

A new type of cooling systems enables the plasma screen to operate without disturbing fan noise. The plasma screen which is as silent as a classical TV provides a new standard for living room and conference room. Approximately 15 dB A of noise level, which is the result of the plasma technology, represents the peak of technology for this moment.

- **All in one box**

The screen, power supply and image and sound signal processing are supplied in one single box. This makes mounting to wall easier. When it is hanged on the wall like a painting, all its signal inputs and outputs are easily accessible. Both loudspeaker slots offers balanced listening together with external loudspeakers.

- **Video / Computer VGA / Music**

Large connection capacity PAL/NTSC/SECAM offers video standards (CVBS, RGB and Y/C), multi-standard TV radio (99 TV channels with auto and manual programming), VGA/SVGA and it even contains a 16:9 VGA format with a resolution of 848x480 pixels.

- **User Interface**

IR remote control and On-Screen Controller (OSD) makes operation quite easy. OSD offers net structured menus for the selection of signal sources, image and sound.

- **Digital signal processing**

The plasma screen is equipped with the latest signal processing standard with 8 bit technology. It contains features such as active algorithm to offer 4:3 video and data images while the image is frozen on 16:9 screen.

- **Under any conditions**

The new glass panel has been exposed to thin abrasion on the front side to maintain high contrast rate and superior legibility even in poor illumination conditions.

- **Installation: Easy and quick**

No matter if the screen has been hanged on a wall or installed on a ground or a table, connection devices for installation are supplied.

- **Advantages of digital technique**

Digital graphics cards offer superior imaging performances. The plasma screen offers an image performance close to the original with its DVI connection and remains compatible with the previous analogue graphics cards.

- **Digital noise silencing**

You may activate noise silencing adaptable to movement by means of OSD and set the quality of image materials properly. Automatic noise silencing reduction makes it possible to regenerate the fast moving image components in an inartificial way.

- **Full and stable color offer**

Superior color offer with exquisite details supports the possibility to adjust gamma. By means of OSD's, you can adjust the most suitable gamma, colour warmth, contrast and brightness for all entries.

Television

Thank you for purchasing this television which has been designed to keep you satisfied for a long time.

You may already have knowledge about how to use a television; but still spare some time to read the below instructions.

These instructions have been prepared to gain you knowledge about many new features of this television and enable you to benefit from your purchase in the best way possible.

Special Features

- 42" PDP VGA Panel
- Available for Cable Broadcasts
- 2x5 W Stereo sound
- 2000 pages of teletext Feature
- PIP (Picture in Picture) Feature
- Picture Formats; 4:3, 14:9, 16:9 automatic, letterbox, subtitle, panorama
- Zoom feature
- Wide angle of vision
- Scart, AV connection
- S-VHS and Cinch for S-Video connection
- DVI connection
- PC connection
- Low energy consumption
- AVL
- Programmable power off
- Graphic Equalizer
- The feature of sharpness in colour transitions (CTI)
- Sharpness feature and picture feature (LTI) in the black-white transitions
- A clear Picture made by means of the Digital Comb Filter
- On screen viewing of all settings, program numbers and all the processes
- Manual Fine Tuning
- 100 Program memory
- Infrared Remote Control equipped all the functions
- Child Lock
- Feature of viewing the NTSC broadcast to be entered via Scart
- Easy performance of the processes via the advanced menu system.
- Ability to choose 24 different menu languages.
- HDMI feature
- YPBPBR component input

Start

Your plasma screen was elaborately tested and packed before delivery. It is ready to for use after it has been unpacked. After unpacking the screen, please check for possible forwarding damages and the completeness of the delivery. In case there is a damage resulting from forwarding, the supplier may only meet your demands after you inform about the situation before the first installation.

Attention: Always remove the screen from its package with the help of a second person. Trying to remove the screen from its package by yourself is not good to your health.

Note: Scart, DVI, VGA and RCA cables are not supplied.

The contents of the cardboard box are:

1. plasma screen
2. Remote Control
3. Batteries
4. Mains lead
5. User's Manual
6. Guarantee Certificate
7. Practical Use Card

If there is any missing component in the package, please call the Service Support Line. The missing part will be sent to you free of charge. Please keep this user's manual near the installation site to have continuous assistance.

Installation site

A proper installation site must be in compliance with the below criteria:

- **Light reflections** Avoid installing opposite of windows or other light sources.
- **Accessibility to network input** Network input and network key must always be easily accessible.
- **Ventilation** Keep minimum 10 cm clearance from above and below the ventilation holes to the furniture and the ceiling.
- **Environment Temperature** Safe operation should be between 5°C and 35°C.

Starting

There are some procedures you should carry out before turning on your plasma TV.

- During all the procedures to be carried out for starting, turn your plasma screen off and disconnect the power lead from the plug.
1. The connection of signal sources: TELEVISION, VIDEO, COMPUTER
 2. Sound playback connection
 3. Insert the batteries in the remote control
 4. Connect the mains lead
 5. Turn the plasma screen on

Inserting the Connection Line

When the connecting or inserting the mains lead and video cable (e.g. SCART, Y/C...) the following points should be taken into consideration:

- Please align the connection lines. Note that signal lines are not placed directly on the surface of the screen.
- For high image quality, use only covered high quality signal cable. To connect video signal, high quality 75 Ω coaxial cable should be used. A signal low-quality signal cable may cause distortions and shadows on the displayed picture as well as exceeding the permissible EMC level. For perfect and safe operation of the device, mechanical interlocks for single plug and outlet sockets are necessary.
- You should also avoid placing signal sources such as computer or video recording device in front of the screen. Please place these signal sources next to or behind the screen.
- Always turn your plasma television off before connecting any signal source to it.

The Connection of Signal Sources:

Connect the cables of your signal sources to the input panel of your plasma screen.

For external sound signal sources, you need an internal television adjuster antenna cable and a proper cinch cable.

Sound Connection (playback)

Your plasma screen has various sound outputs on the input panel for sound playback. It is possible to connect your music set or Dolby Surround System as well as external loudspeakers to your internal amplifier.

- Turn your plasma screen off before connecting external loudspeakers. Take into consideration the technical data of loudspeakers' output and make sure that the size of the loudspeakers is sufficient.
- Before establishing a connection between you music set or Dolby Surround system and your plasma screen, always turn the device off.
- The PC connection you will establish on the video divider may deteriorate picture quality for the PC mode.

Connecting The Mains Lead

To obtain the best image quality, always use the supplied mains lead.

First insert the mains lead into the input panel and only then plug it into the socket.

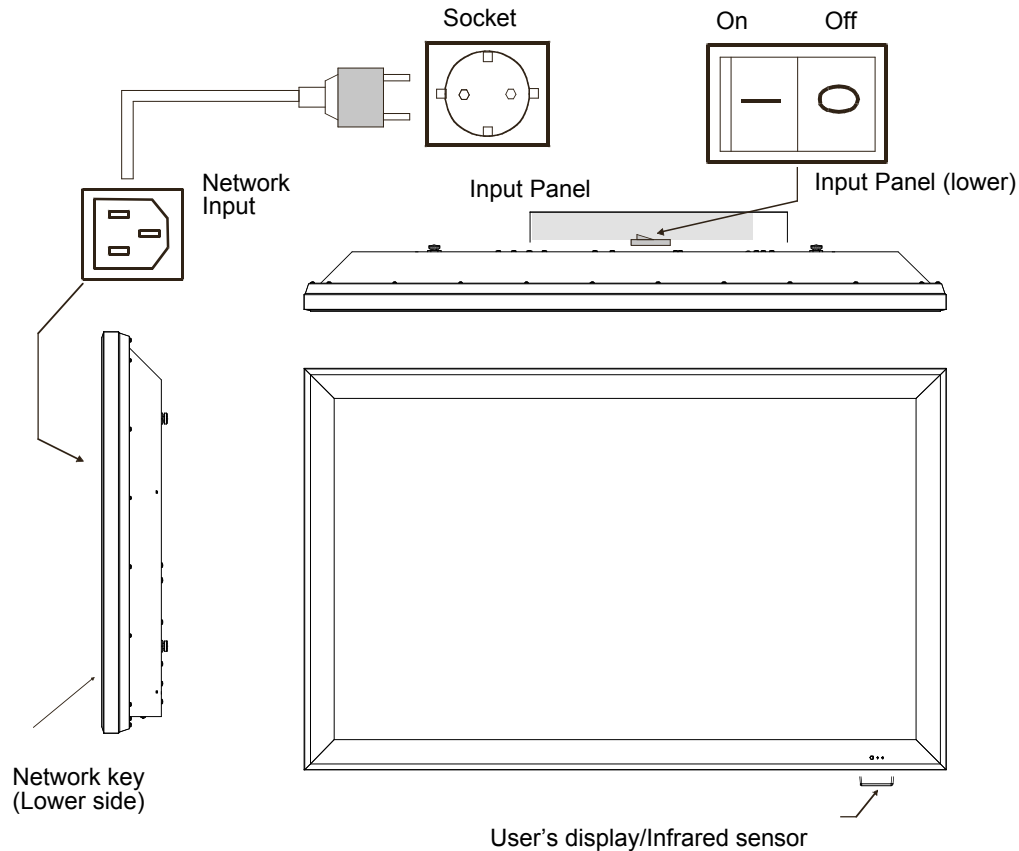
- Never ever use a damaged mains lead!
- To ensure safe operation, only use plugs with grounding conductor system.

A line filter and keys ensure safe operation in case of normal network fluctuations to balance the supply voltages. In case the network voltage is out of certain limits, please contact your responsible sales agency. In case the mains lead cannot be used due to the different standards in your country, please make sure to use a mains lead in compliance with the below listed standards unique to countries:

- | | |
|---------------|---------|
| • USA | UL |
| • Germany | VDE |
| • Canada | CSA |
| • Switzerland | SEV |
| • England | BASE/BS |
| • Japan | MITI |

This is not the exact list. It may be necessary to choose a different safety standard for safety reasons.

To avoid accidents resulting from electric shock, mains leads of all degrees should contain three cable conductors of minimum 10A/0.75 mm². One of three cables should be applied to the both ends of the mains as grounding contact connection.



Turning the Plasma Screen on

You may control your plasma screen with remote control only when the device is in stand-by mode. Switch the network key on the input panel to Position I. The user's display on the front side of the screen lights red.



- Press a digit key or **Program Up/Program Down** key or the **PR+/PR-** or **MENU** key on the front panel of the television to turn the television on. Stand-by indicator turns to green. The picture is displayed on the screen after a few seconds. To switch the television to stand-by mode, push the **Stand-by** button. Stand-by indicator turns to red.

- Plasma screen is always connected to power supply network in stand-by mode. To cut the connection completely, you should switch the network key to 0 position and disconnect the mains lead from the plug.
- The screen has an electric adaptor and it may be operated with a supply voltage of 230V AC and 50Hz.

Note 1: If there is no broadcast signal, your television will switch to stand-by mode in five minutes.

Note 2: If your remote control has a fault or its batteries have been used up, there are "MENU" "SOURCE", "▼ PROG ▲", "◀ VOL ▶" front panel buttons to operate it.

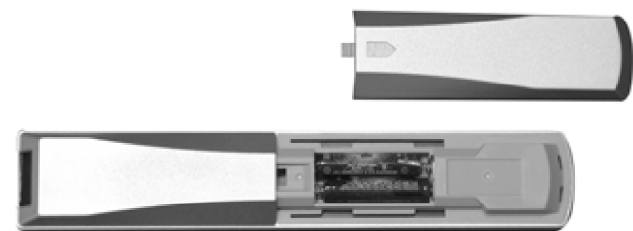
Batteries

To reveal the battery compartment, remove the back cover and make sure that you have inserted the batteries correctly.

The batteries suitable for this remote control are UM-4, IEC R03 or AAA 1.5V.

Do not mix a used, old battery with a new battery or do not use mixed battery types.

The performance of the remote control will deteriorate from a distance farther than 8 metres or out of an angle of 30 degrees.



Operation Modes

ATTENTION

Note that at the beginning of use, the operation mode should be in full screen format setting especially in the first 100-150 operation hour (see: Displaying of the sub-menu, Picture Format). This prevents differences of brightness on picture areas.

Also, to prevent permanent shadows on the displayed picture, avoid displaying any still images in the first operation hours (computer mode, teletext pages, Photo CD images, etc.). If the plasma television is to be used as computer monitor, it is recommended that you use a screen saver.

Computer mode

For the best image, we recommend 848 x 480, 640 x 480 or 720 x 400 pixel resolution. 848x480 pixel resolution corresponds to the screen matrix and offers the best image. You can obtain the driver for this resolution from the Internet pages of well-known graphic card producers. Unlike the applications in CRT monitors, for a vibration free presentation on flat screens, it is not necessary to select high image reconditioning. 60Hz of reconditioning is recommended.

Video recorder mode

If your recorder offers Y/C (S-Video) format playback, it is recommended to use Y/C (S-Video) inputs to improve image quality. DVD player mode

For the best use, it is recommended to use RGB operation mode connectable to SCART 1 input. In case your player does not offer this operation mode, please use the Y/C (S Video) signal mode.

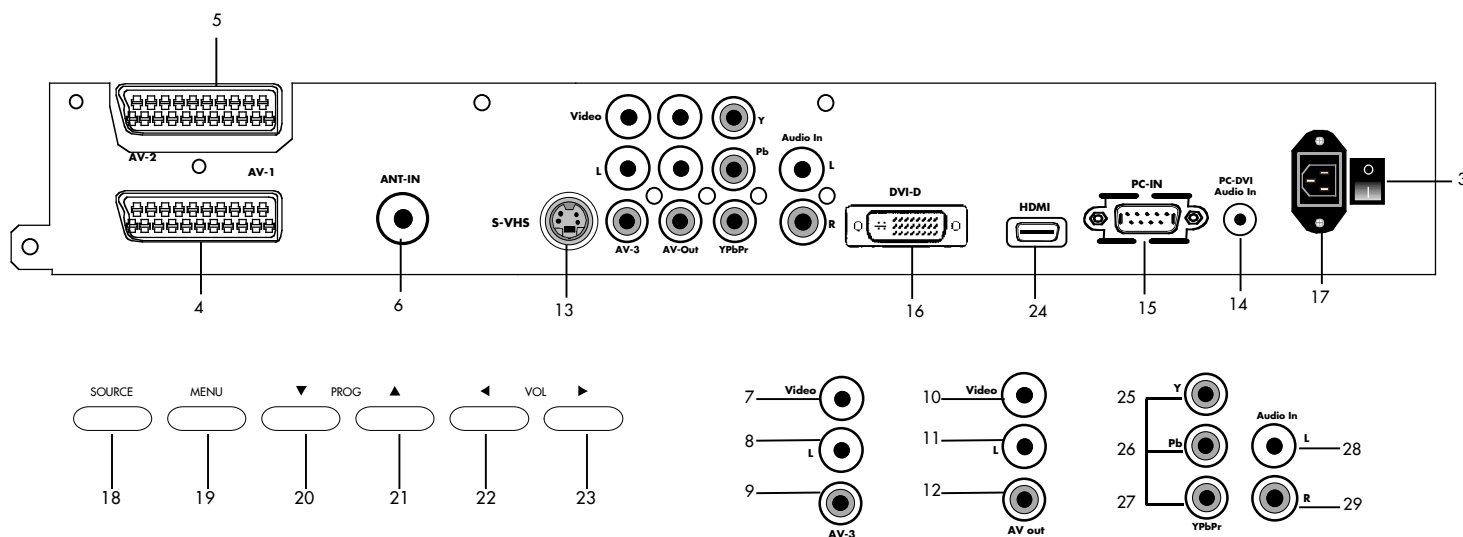
Image adherence

The manufacturer would like to state that during watching frozen pictures (e.g. computer playback) for long durations, the image remains still visible in full mask for a few minutes when a different source is played afterwards. This is known as "image adherence". This "lost" image results from the system and it is not an error. Therefore, it is not deemed to be a situation that requires for guarantee.

Video cable

To connect video signal, high quality 75 Ω coaxial cable should be used. A signal low-quality signal cable may cause distortions and shadows on the displayed picture as well as exceeding the permissible EMC level. For perfect and safe operation of the device, mechanical interlocks for single plug and outlet sockets are necessary.

PANEL CONNECTIONS

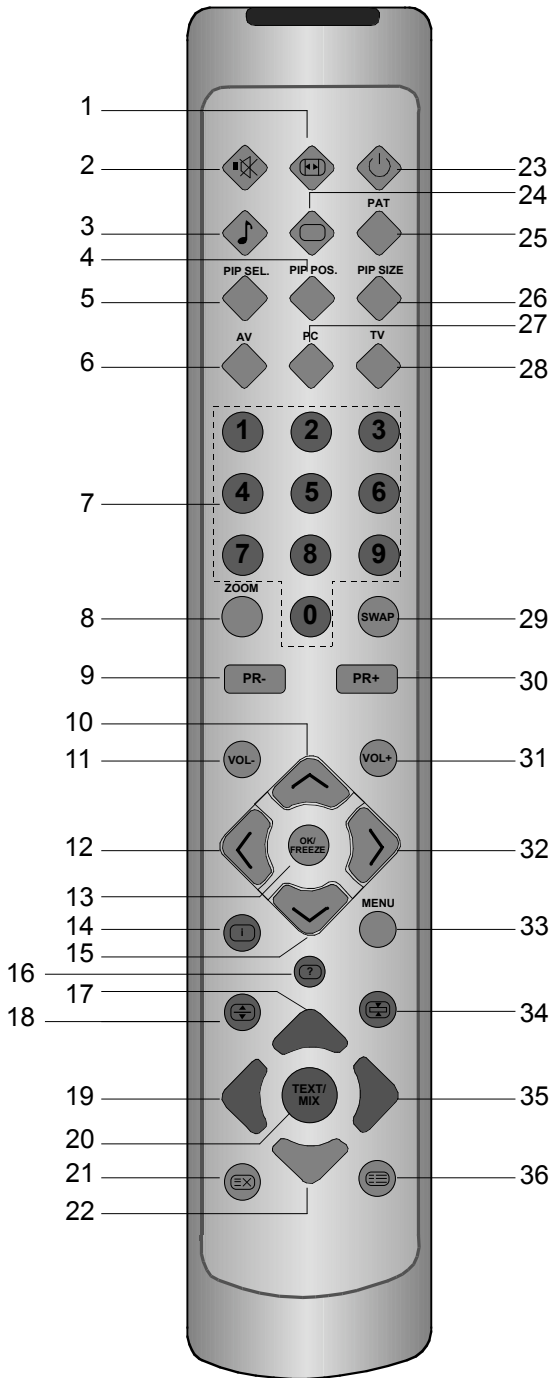


- | | | |
|------------------------------------------|--------------------------------|-------------------------------|
| 1. Remote control receiver | 13. S-VHS connector | 28. Component sound input (L) |
| 2. Standby mode indicator | 14. PC-DVI sound input | 29. Component sound input (R) |
| 3. Network power on/off button | 15. VGA (PC connection input) | |
| 4. Scart 1 | 16. DVI-D | |
| 5. Scart 2 | 17. Antenna input | |
| 6. Antenna input | 18. Source selection | |
| 7. Video input CINCH connector | 19. Menu Button | |
| 8. Sound input CINCH connector (Left/L) | 20. Program down button | |
| 9. Sound input CINCH connector (Right/R) | 21. Program up button | |
| 10. Video output CINCH connector | 22. Volume turn-down button | |
| 11. Sound output (Left/L) | 23. Volume turn-up button | |
| 12. Sound output (Right/R) | 24. HDMI | |
| | 25. Component video input (Y) | |
| | 26. Component video input (Pb) | |
| | 27. Component video input (Pr) | |

Please note

- Do not use the Video RCA and S-Video connections at the same time; otherwise they will affect each other's image.
- RGB inputs from Scart will give you a better image quality.

Remote control

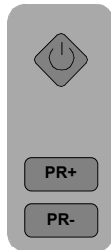


1. Picture Format choice button (📺)
2. Temporary sound mute (Mute) button (🔇)
3. Equalizer selection button (🎵)
4. PIP Position selection button
5. PIP/PAP On-Off button
6. AV modes selection menu button
7. Numeric buttons
8. ZOOM mode selection button
9. Program down button (PR-)
10. Up button (⬆️) (Menu)
11. Volume turn-down button (VOL-)
12. Left button (⬅️) (Menu)
13. Confirmation and temporary picture freeze button (Freeze) (🔒)
14. Info/Text page button (ℹ️)
15. Down button (⬇️) (Menu)
16. Text Question/Answer button (Revealing Image) (🔍)
17. Red teletext Button (🔴)
18. Teletext page enlarge button (Double) (🔍)
19. Blue Teletext Button (🔵)
20. Teletext / Mix selection button (📺)
21. UPDATE button (🔄)
22. Yellow teletext Button (🟡)
23. Stand-by On/Off button (📺)
24. Picture mode selection button (📺)
25. PAT (Picture and Teletext) Mode Power On-Off button
26. PIP size selection button
27. PC mode access button
28. TV mode access button
29. Final program selection button (SWAP) (SWAP)
30. Program forward selection button (PR+)
31. Right up button (VOL+)
32. Right movement button (➡️)
33. MENU button
34. Text Stop button (Hold) (🔴)
35. Green teletext button (🟢)
36. Sub page button (SUB PAGE) (📄)

Performing the initial power-on settings

TV controls:

Temporary On-Off (STAND-BY)



When you press the red (⬠) stand-by button (Temporary power on-off function) located on the upper right hand side of your remote control of your television when it is switched on; the sound and the picture will go off. In that case, the power indicator of your television will flash in the colour red.

To switch your television back on, either press the same button, any of the digital buttons or the (PR+)/(PR-) buttons.

Caution!

If you are not going to use your television for a long period of time, make sure to switch it off from the main power button.

When you first turn on your television, select the language and the country you wish from the displayed menu via the buttons (⬅️) and (➡️), then press the button (Ⓞ) in the auto-program tab. The automatic channel search will start via the ATS system and the program table will be displayed on the screen following the search. If you would like to exit such menus without any operation, press the button (⬠).

Program selection



You may enter whichever program number you would like by pressing the buttons (PR+)/(PR-) located on your television and your remote control. To select programs higher than 9, you may use the Numerical buttons. You may enter the number of the program you want to select with numerical buttons. For example, to switch to the program number 12, press relatively the buttons number 1 and 2 found on your remote control.

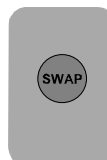
01	TRT-1	09	17
02	TRT-1	10	18
03	TRT-1	11	19
04	TRT-1	12	20
05	SHOW	13	21
06		14	22
07		15	23
08		16	24
	skip		name
	move		delete

Temporary sound mute (MUTE)



To temporarily mute the sound of your television, press the (MUTE) button. Then the (MUTE) on screen display will appear on screen as an indication of the application. When you press the same button for the second time, the sound will be on again. When you press the button (VOL-) in the Mute position, the sound is turned down, yet you do not abort the Mute position, and when you press the button (SWAP), the sound level is increased and the Mute position is aborted.

Final Program Selection Button (Swap)



If you would like to return to the final program you watch by pressing a single button while in any program, press the button (SWAP). When you press the button (SWAP) while in any program or AV, it directly switches to the program you selected. If you press the same button again, it switches to the program you last viewed.



External Connection

There are 2 scart connections on your television. When you press the AV button, the source table will be displayed.

Source
TV
AV1
AV2
AV3
SVHS
PC
DVI
HDMI
YPBPR

1. AV1 when scart input is used (RGB support)
2. When the AV2 scart input is used
3. When the AV3 RCA input is used
4. When the SVHS S-Video input is used
5. The PC mode is switched to
6. The DVI mode is switched to
7. The HDMI is switched to
8. The YPBPR is switched to



To select your desired source, it is enough that you use the buttons (▲)/(▼) and press the button (OK/FREEZE). (You can return to TV mode by pressing (AV) button again.)

Control Menu

(Press (MENU) button. The Menu including all the setting menus will be visualized on the screen. You may select any menu by pressing Up/Down (▲)/(▼) buttons, enter the menu by right/left (◀)/(▶) buttons and switch between the menu subtitles.

Tuning and storing the programs on your television

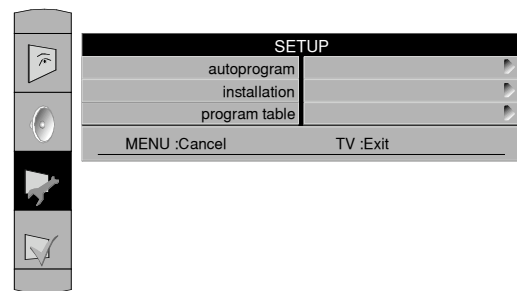
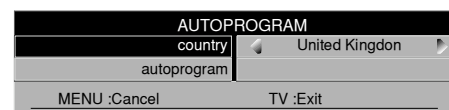
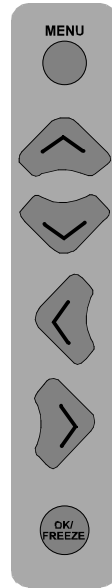
You can either tune the programs automatically or manually storing them in your television.

Note:

If your television does not receive any broadcast for a period of 5 minutes, it automatically switches to the stand-by position. The countdown for the last 5 minutes ODS is displayed on the screen.

Automatic tuning and storing in the memory the TV channels

(Press (MENU) button. Move onto the settings menu by pressing the right movement (▶) button. You may directly access this menu by pressing the Blue button (◀). When you press Up/Down (▲)/(▼) button, the Autoprogram menu will appear on the screen. In the country line select the country the broadcast of which you want to watch with priority by pushing the Right/Left movement button (◀)/(▶) in the Country line. Press the (i) and select the Autoprogram title or press (OK/FREEZE) or Right/Left (◀)/(▶) buttons. The prompt menu before the Automatic Setup will be visualized on the screen. When you press the "Green" button (▶) to start the Auto-program press, the Channels will be scanned automatically and the channels in which broadcast has been found will start to be saved in the memory as of the first program. At the same moment, the Auto-program prompt menu will be displayed and the mark indicating the position in which the Automatic Setting function is found will appear. To stop the process at any given time, please press the (OK/FREEZE) button. The Program table will appear on the screen after the automatic search is over. You can assign any channel to any program number you would like from among program numbers that have been stored in the memory as described in the part Program Table. To abort the Program table, press the button (▶).



Manual tuning and storing of the television channels:

If you already know the Channel number:



(Press button. Move onto the settings menu by pressing the right movement button. You may directly access this menu by pressing the Blue button .

When you select the installation tab by pressing the buttons / and press the button , a setup menu will be visualized on the screen. Select the program in which you would like to perform an Installation using the right-left direction / or numerical buttons. Select the system in which you would like to make the search from among the system tabs.

Enter the System tab by pressing the movement button below. Move from here to the band tab via the downward movement button . Pressing the right-left movement buttons / on your remote control, select the "S" for cable channels and "C" for broadcasts received via the antenna.

Select the Channel tab pressing the upward movement button and using the numerical keys or using the right-left movement keys /, type in the channel number. If the broadcast viewed on the screen is of your desired quality, select firstly the initial storing tab via the downward movement button to store in the memory the process you have made.

Then press the button, the text 'stored' will briefly appear on the screen. The broadcast will be stored in the memory under the program number you have selected. The program will be stored with its number. You can tune and store the other channels in the memory in the same way. In the event that you wish to exit the installation menu for any reason, simply press the button.

If you do not know the channel number:



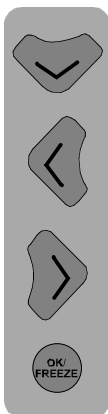
(Press **MENU**) button. Move onto the settings menu by pressing the right movement (**Right**) button. You may directly access this menu by pressing the Blue button (**Blue**). When you select the installation tab by pressing the buttons (**Up**)/(**Down**) and press the button (**OK/FREEZE**), a setup menu will be visualized on the screen. Select the program in which you would like to perform an Installation using the right-left direction buttons (**Left**)/(**Right**) or numerical buttons. Select the system in which you would like to make the search from among the system tabs. Enter the System tab by pressing the down button (**Down**) below. Here, your television can be set to a single system and you can also select from among more than one systems via the (**Up**)/(**Down**) buttons. (option) Move from here to the band tab via the downward movement button (**Down**).

Pressing the right-left movement buttons (**Left**)/(**Right**) on your remote control, select the "S" for cable channels and "C" for broadcasts received via the antenna. Select the tuning tab via the downward movement button (**Down**), scan the channels in ascending order with the Right direction button (**Right**) and in descending order with the left direction button (**Left**). If the channel that has been found is of your desired quality, then select the storing tab.

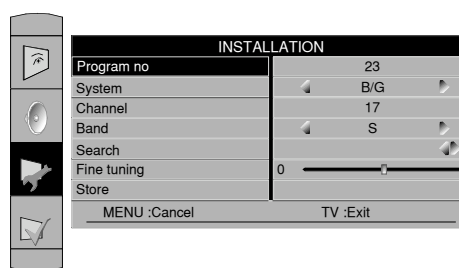
Afterwards, store it in the memory by pressing the button (**OK/FREEZE**). Repeat the same procedure also for the other channels by selecting the program number of your choice from among the program no. tab.

If there is need to perform Manual Fine Tuning on the current channel or to name the current channel, refer to the related parts.

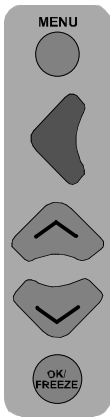
Fine Tuning



If the current channel requires Fine Tuning, then select the fine tuning tab by using the downward movement button (**Down**) in the Installation menu. Using the right-left movement (**Left**)/(**Right**) buttons on your remote control you will have the ability to get the exact quality of tuning required. Under normal circumstances, you will not feel the need to use the Fine Tuning function. The AFC values of your television will automatically adjust and lock themselves to the channel. However, you might need it in case the television transmitters do not operate according to the standards. To store in the memory the settings you have made, select the Store option and press the button (**OK/FREEZE**).

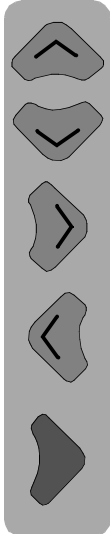


Program Table



(Press button. Move onto the settings menu by pressing the right movement button. You may directly access this menu by pressing the Blue button . When you select the program table tab by pressing the upwards/downwards direction buttons /) and press the button , the program table will be visualized on the screen.

Switching the locations of the program channels that have already been stored:



Select the program you would like to relocate by pressing the upwards-downwards / or Right-left direction buttons /. Press the "GREEN" button. The selected program number and name will be in the color green.

Select the program you would like to relocate by pressing the upwards-downwards / or Right-left direction buttons /. Finish the relocation process by pressing the "GREEN" button. The channel in the first program number you selected has been moved to your second selected program number and the channels between both program numbers have been shifted to the initially selected program number.

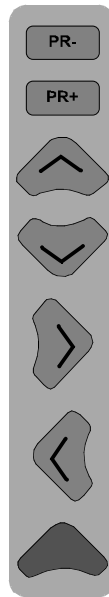
Deleting a program that has been stored:



Select the program you would like to delete by pressing the upwards-downwards / or Right-left direction buttons /. Press the "blue" colored button. The confirmation menu will appear on the screen. You may perform the deletion process by pressing the "Green" button or you may abort the deletion process by pressing the "Red" button . Once you press the "Green" button , the selected program has been deleted and all the following channels have been transferred to the previous program number.

01	TRT-1	09	17
02	TRT-1	10	18
03	TRT-1	11	19
04	TRT-1	12	20
05	SHOW	13	21
06		14	22
07		15	23
08		16	24
	skip		name
	move		delete

Hiding a program that has been skipped:

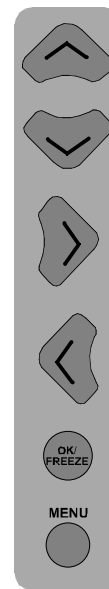


In the event that you do not wish to come across certain programs while navigating through the channels using the / buttons, then you can use that function. Select the program you would like to skip by pressing the upwards-downwards / or Right-left direction buttons /. Press the "Red" button . The letter "S" will appear on the right side of the name information in the program to be skipped. You have the option of applying this method on more than one program channel.

In order to see the program numbers that are to be skipped, write down the channel numbers via numeric buttons directly. To cancel the program skipping process, press once again the "Red" button. The letter "S" in red which is displayed on the right side of the program information will disappear and the skipping process will be cancelled.

To name the programs

The channels names might be automatically displayed on the programs in the table via ATS, yet the channel number might also be displayed instead of the channel name.



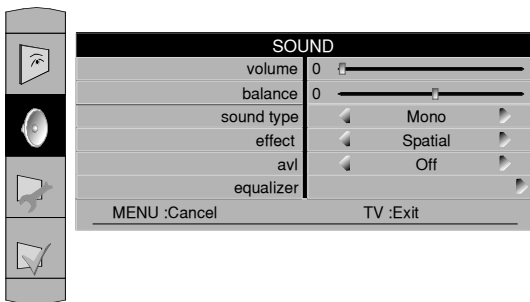
You can assign your program or programs of choice the names that have a maximum of five characters.

the program you would like to name by pressing the upwards-downwards / or Right-left direction buttons /. Press the "Yellow" button. The number, sound type and name information of the channel for which you would like to specify name information will appear on the screen. Using the up-down button / you can choose the number or sign that you want. For the second character, press the Right-left button / and select the letter, number or sign you would like again by the Up-down / buttons. After entering all the characters, store the name you have written in the memory by pressing the button .

The settings of your new television: Setting up the Sound Menu

You may perform the sound setting using the - VOLUME + buttons on your television or the (VOL-), (VOL+) buttons on your remote control.

You can perform the other sound settings by entering the Sound menu. For this purpose, press the (MENU) button on your remote control. Select the sound menu tab (D) using the direction button. (You may have direct access to this menu by pressing the Red button) You may select any title on which you want to operate.



Effect: If you want to add depth to the sound of the program you watch, select Spatial with the (D) button.

AVL: Television transmitters have different sound levels. This can be noticed from the different volume levels that can be heard while switching from one program to another. Using the right/left movement (D)/(D) buttons switch to Open. The AVL (Automatic Volume Limiting) function maintains the same sound level as you switch from program to program. Select the option Off to cancel it.

Balance: To adjust the sound balance between the right and left headphones to the desired level, select the balance tab by using the downward movement (V) button. Adjust this option to your desired level by using the buttons (D)/(D).

Sound type: The program you watch might be stereo or in two different languages. Using the right/left keys (D)/(D) in this menu you can select Mono/Stereo or Dual-I/Dual-II language.

Bass: You can adjust the bass levels of the sound you hear in the headphone.

Treble: You can adjust the treble levels of the sound you hear in the headphone.

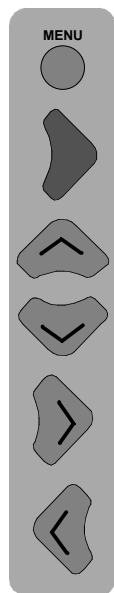
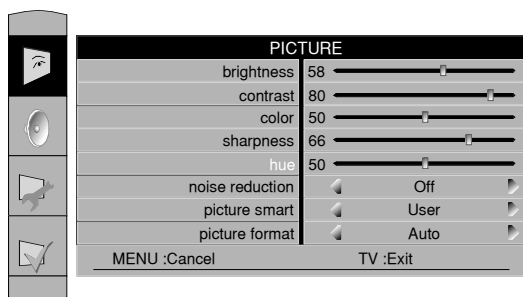
Note: The sound and headphone adjustments made will be stored without any additional transactions necessary.

Equalizer: Selecting the Equalizer mark, press the (MENU) or right direction (D) button. The equalizer setting function will be displayed. Using the Right/left (D)/(D) buttons, you may select any of the options increasing the sound effect of the program you are watching depending on the specifications of that program. The options are Music, Sports, Movie, Speech and User. Music, Sports, Movie and Speech are previously programmed and unchangeable options. User is the option which you may fully adjust. To adjust the User alternative, press (MENU) button; you may adjust the levels of frequency via (D) and (V) buttons. You may select the 120Hz, 200Hz, 500Hz, 1.2KHz, 4KHz, 7.5KHz ve 12KHz frequency bands via (D) and (D) button. Press the (D) button to store the adjusted levels and exit the user option.

You may exit the equalizer menu by pressing again the (MENU) button.

Note: You can choose the equalizer options directly using the (MENU) button on your remote control. You can exit the Equalizer display by pressing the (D) button at any given time.

Picture Set up:

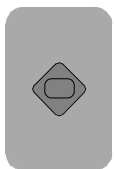


Enter the Picture menu by pressing the button (MENU) on your remote control. You may directly access the Picture menu by pressing the Green button (G).

You may directly access this menu by pressing the Green colored button (G). Using the upwards/downwards direction buttons (▲)/(▼), you can select whichever setting title you would like and adjust their levels with the Right/left direction (▶)/(◀) buttons.

The picture brightness, contrast, color and sharpness levels can all be adjusted according to your desire. The changes you make in the picture settings will be automatically stored in the memory without any further processes necessary.

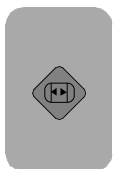
Interference reduction: Using this feature, you may reduce the interference and noise formed in the picture using the options Off, Soft, Clear and Most Clear.



Smart picture: You can select one of the options previously saved in the memory and unchangeable by moving on this option and using the Right/Left movement (▶)/(◀) buttons. Soft, Natural and Rich are default settings. The user values are the values which you stored in the memory.

Furthermore, you can select one of the unchangeable settings previously saved in the memory without entering the Picture menu by using the “Smart picture” button on your remote control.

Picture Format: You can visualize the broadcast picture you watch in this option in a format of your choice. These are the formats Automatic, 16:9, Subtitle, Letterbox, 4:3 Panorama and 14:9. You can perform the same process via the format selection button (FORMAT) found on your remote control without entering the picture menu. In that case, the mark 16:9 or 4:3 appears on the bottom left corner of the screen.



Color tone: When NTSC video is entered via Scart, you may make the Colour Shade setting. The colour shade option is not seen in the menu when you have not entered such type of a video. When a NTSC video is connected via the Scart, this option becomes active and it is viewed in the menu.

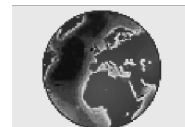
Wide Screen Display

The TV can be visualized in different formats according to the broadcast made. Pressing (FORMAT) button, select the features **Letterbox, Subtitle, Automatic, 16:9, 14:9** and **4:3**.

Please Note: When the **MENU** button is pressed, the image size will change as the menu is displayed on the screen. This prevents the menus from exceeding the edges of the visible parts of the screen.

14:9

This is the movie format.



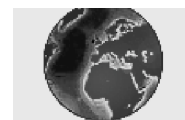
Letterbox

While watching a “Letter box formatted” film / video cassette, this setting will eliminate or minimize the black stripes on the background by zooming in the picture and without diffusing it.



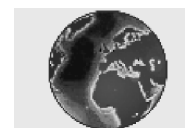
Subtitle

If the subtitles are transmitted in the “letterbox formatted” broadcast, then this setting will push the picture upwards in order to ensure the entire written text to be visualized.



Automatic

Some movie channels might broadcast in the 16:9 format. If you would like to see this format automatically, then select **AUTOMATIC**. In that case, the mark **AUTO 16:9** appears on your screen.



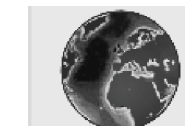
16:9

Please use this setting for watching the broadcasts in wide screen DVD, wide screen picture video cassette or 16:9 format. Since various screen formats such as 16:9, 14:9, 20:9 etc. are used, black stripes might be formed on the lower and upper parts of the screen.



4:3

Use this setting to watch the broadcasts in the 4:3 format.



Panorama

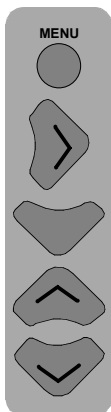
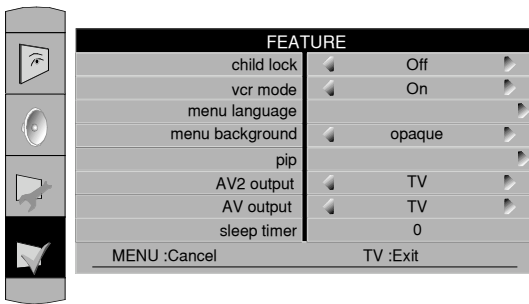
This setting stretches the corners of the picture to the side on condition that the picture on the screen remains still.



Note: In 1080i mode, when subtitle or letterbox option is selected, the video may be distorted or video artifacts may be visible. Other than 1080i mode, this limitation does not exist. In 1080i mode, turn off or deselect the “subtitle” and “letterbox” options to avoid this

Since the use of certain functions in order to change the picture sizes for collective display or commercial purposes (modifying the height and width etc.) will be deemed an infringement of the picture copyrights, penal procedure can be carried out as required by the relevant laws.

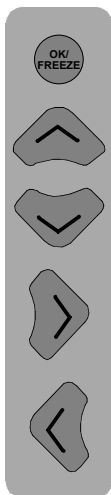
Features



Press the (MENU) button on your remote control. Select the features menu tab using the direction button (▶).

You may directly access this menu by pressing the Yellow button (♥). You can select from among the titles in this menu for which you would like to perform a process using the Upwards/Downwards direction (▲)/(▼) buttons.

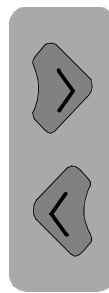
Child lock : If you turn this feature On, your television will not be turned on from the Stand-by position via the function keys on the television and these keys will not be operated while it is on.



Language: Selecting the language line, press the (OK/FREEZE) or right direction (▶) button. Language menus will appear on the screen. Select the language you would like to use by pressing the upwards-downwards (▲)/(▼) or Right-left direction buttons (◀)/(▶). Press the (OK/FREEZE) button again. All the setting displays of your television will be visualized in the language that you selected.

Menu background: Using this option, you can adjust the background for the menus and other osd's visualized on the screen as being Transparent and Opaque.

AV2 output: You may select the image and sound output source for the devices you will connect to the Scart 2 socket. When you select TV, the image and sound we watch in the program will be transmitted.

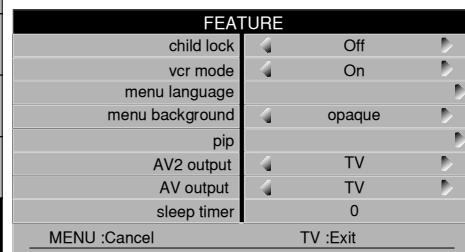


Sleep timer control:

Your television is equipped with the functionality for automatically turning off at the end of a time period you are to select between 15 minutes and 120 minutes. To ensure that your television turn off at the end of your desired time period, select the sleep timer control tab. Select the time period of your choice via the right (▶) and left (◀) keys.

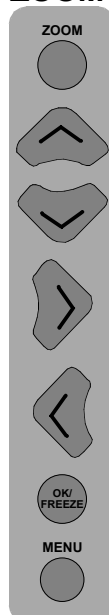
When there are 30 seconds till the end of the specified period, the countdown for turning off will be displayed on the screen and your television will automatically switch to the stand-by mode. To cancel the automatic power-off process, switch the sleep timer control option to "0".

VCR mode: Using this option, you can prevent the disruptions in the picture which stem from the recording or magnetic cassette while watching a picture with the video device. For this purpose, simply turn on the VCR mode option On.



Note: This option will be active only for the AV inputs. This option will not be displayed in the Features menu in Programs or PC mode. This option is automatically activated in the program no "0". You may store the antenna output channel of the video device in No. "0" and watch this broadcast preventing the image distortions resulting from the recording or magnetic cassette.

ZOOM : To activate this option, press the button



(ZOOM) on your remote control while watching a program picture. In that case, the Zoom sub-menu appears on the right side of the screen. The image is enlarged and reduced step by step in 19 steps in total by using Up/Down (▲)/(▼) buttons. During the zooming process, the image is zoomed in, in a centre-focused way. To move up/down (◀)/(▶) or right/left (▲)/(▼) on the picture in this position, press the (OK/FREEZE) button on your remote control. Then, press the key for the direction in which you would like to move.

exit the Zoom menu for any reason, simply press the (MENU) button. Zooming process is active in 16:9, 14:9, 4:3, Subtitle, Letterbox formats.

Note: The Zoom mode does not function when there is a PIP picture on the screen.

Temporary Freezing (Freeze): You may freeze the program picture you are watching thanks to this feature. For this, press the (OK/FREEZE) button on the remote control with there is no menu on the screen. The program picture will be paused until the same key is pressed for the second time.

Note: The Freeze feature does not function when there is a PIP picture on the screen.

Using the PIP (Picture in Picture) Feature:

Press the (PIP SEL.) button on your remote control. The PIP window selection menu appears on the screen.



PIP Dimension:

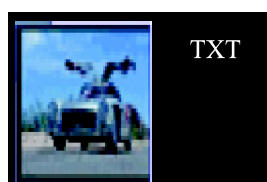
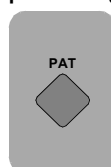
With this option, you may zoom in and zoom out the PIP window size. For this purpose, you may set the PIP size by pressing the (PIP SIZE) button while there is a PIP picture on the screen.



PAT Mode:

While watching a broadcast on your television, you can enter the PAT (Picture and teletext) mode pressing the (PAT) button on your remote control.

Thanks to this feature, you can also follow the teletext broadcast if there is also a teletext broadcast in the program that is being watched. To abort this mode, press again the (PAT) button found on your remote control.



Selecting either the picture-in-picture (PIP) or picture-and-picture (PAP) option, press the button (OK/FREEZE). According to the selected option, a window will be opened inside the main picture and a sub-screen will be displayed. If you select the full screen mode, the PIP disappears.

In the event that you wish to exit PIP mode for any reason, simply press the (PIP SEL.) key found on your remote control.

Note:

- 1) By turning on the PIP picture from the program you are watching or the AV mode, you can change the other programs from the main picture.
- 2) You can turn on the PIP from the PC or DVI mode.
- 3) The same AV input cannot be watched on the PIP and the main picture.

PIP Position:

With this option, you can change the position in which the PIP window is visualized on the screen. For this, press the (PIP POS.) button when there is PIP picture on the screen and view the PIP position selection menu on the screen.

Here, press the (PIP POS.) button and set the PIP window position; then select full screen with (PIP SEL.) button on your remote control and exit this menu.



Teletext

Being one of the most prominent services of broadcasting today, Teletext renders using the TV more fruitful.

Teletexts means in short the transmission of various updated information along with the TV broadcast in the form of texts and graphics.

To be able to receive a quality teletext broadcast, a good antenna system and a broadcast that is not weak, with no reflections and interference from other channels are required. Even in a very clear reception, it is normal for some characters or tabs to be lost. Such conditions will automatically be improved in a short time under normal circumstances.

Access to the Teletext mode



In a channel that does not have the Teletext feature, if you are to press the (TEXT/MIX) button, the message "NO TELETXT AVAILABLE" will appear on the screen.

In order to switch your television to the teletext broadcast, please press the (TEXT/MIX) button in a program that has teletext broadcast. To switch back to the television broadcast, press the same button.

Once you have switched to the teletext broadcast, the index page will initially be visualized (Page 100). In this page, the titles of the topics in that teletext broadcast and the initial page numbers do appear.

Page selection

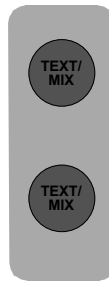


To be able to view the page you would like on the screen, type in the number of that page using the numerical keys. You can see the number you have entered on the left side of the upper title tab.

When you would like to skip the pages one by one, you can go to the next page pressing the (up arrow) key and to the previous page pressing the (down arrow) key.

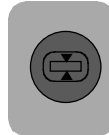
To return to the Index page, press the button (circle with horizontal line).

Teletext viewing button (MIX) in the TV picture



By pressing this button, you can watch the teletext information and the TV broadcast on top of one another and together. In this way, the channel's teletext information service can be viewed while the channel's regular broadcast is carried on. Press TEXT/MIX button to open the teletext screen. When you press the same button, the teletext page will appear with TV broadcast. Press the same button once more to return to TV broadcast.

Page enlargement button (DOUBLE)



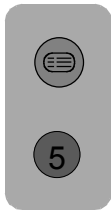
Using this button, you can watch the top half of the teletext page in the enlarged format. To view the lower half of the page also enlarged, press the same button once more; when you press (circle with horizontal line) button again, the page will be restored to its normal size.

Stop Button (HOLD)



Some information is laid out by the broadcasting agency in multiple pages and it is broadcast in the automatic cycle mode. For example, on a text of four pages, the pages are indicated with the figures 01, 02, 03 and 04 on the bottom of the page. To view one of these pages longer, press the () button. When you press the same button again, the cycle continues.

Sub page button (SUB)



If any agency that performs teletext broadcasting broadcasts the sub pages of any teletext page, the page numbers starting with 01 appear on the bottom of the screen. (Using the () button, you can switch to the sub pages. In that case, the tab 'sub page' is visualized inside "red -" and "green +" frames. You can select the sub pages pressing the "RED" and "GREEN" buttons. You can abort the same page by pressing again the same button.

Question - answer button (REVEAL)



Sometimes, a teletext page contains a hidden answer such as a game or a riddle. To disclose the hidden answer, press the button ().

Clock



(The Clock function of the () button; when you would like to find out the time while watching any television channels, press the button (). In that case, a clock will appear on the up right corner of the screen. You can erase the time information off the screen by pressing the same button.

Fasttext

The colored buttons on the remote control device are for the fasttext feature.

When you select any page, the titles on various subjects might be visualized on the screen in four different colors or inside colored frames (red, green, yellow and blue).

By pressing the button pertaining to the relevant color on the remote control, you can access the subject of your choice without waiting.

Note: The fasttext feature is not available for all the teletexts broadcasts. It is determined by the broadcasting agency whether it is to be broadcast or not.

External equipment connection

You can connect to your television many compatible sound and picture devices.

AV inputs:

Press the (◆) button on the remote control. The Source menu, from which you may select the access mode will appear on the screen. Here, you may select any access mode.

TV: While in the AV modes, move onto this option and press the (OK) button for switching to the TV mode.

AV1: To watch the picture of the broadcast device connected to the Scart1, move onto this option and press the button (◆). (You can watch via this Scart if there is a RGB output from the device with which you made a connection).

AV2: To watch the picture of the broadcast device connected to the Scart2, move onto this option and press the button (◆). (You can watch via this Scart if there is a RGB output from the device with which you made a connection).

S-VHS: To watch the picture of the broadcast device connected using the S:Video input, move onto this option and press the button (◆).

AV3: To watch the picture of the broadcast device connected using the RCA (Cinch) input, move onto this option and press the button (◆).

PC: To be able to watch the monitor image in the PC mode, move onto this option and press the (◆) button.

DVI: To be able to watch the image in the DVI mode, move onto this option and press the (◆) button.

HDMI: To be able to watch the image when a connection is made via the HDMI socket, this option must be selected.

YPBPBR (Component Input): To be able to watch the image when a connection is made via the this socket, this option must be selected.

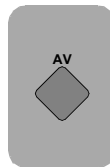
Connecting a Video Recorder Device

① from the SCART socket

Before making the connections, make sure first that your television and the video recorder device are turned off.

Connect one end of the Scart socket cable (not supplied with the television) to the suitable connection terminal of the video recorder device and the other end to the Scart connection point behind your television.

Turn on your television and video recorder device.



By pressing the (◆) button on your remote control, select the input AV1, AV2 to which you connected your device.

Note:

To connect a RGB-supported external device to your television, it is necessary that you use a RGB supported Scart cable. If your external device is supported in that case, you can set the output as RGB.

② Via the RCA or S-Video socket

Before making the connections, make sure first that your television and the video recorder device are turned off.

Connect one end of the Scart socket cable (not supplied with the television) to the suitable connection terminal of the video recorder device and the other end to the Scart connection point behind your television.

Turn on your television and video recorder device. If the sound is mono, use the Left Audio (L) input and select MONO from the sound settings menu.

If you would like to use your VCR by connecting it to your television at the modulator outlet with an antenna cable, select the program '0' which is set for this type of connection.

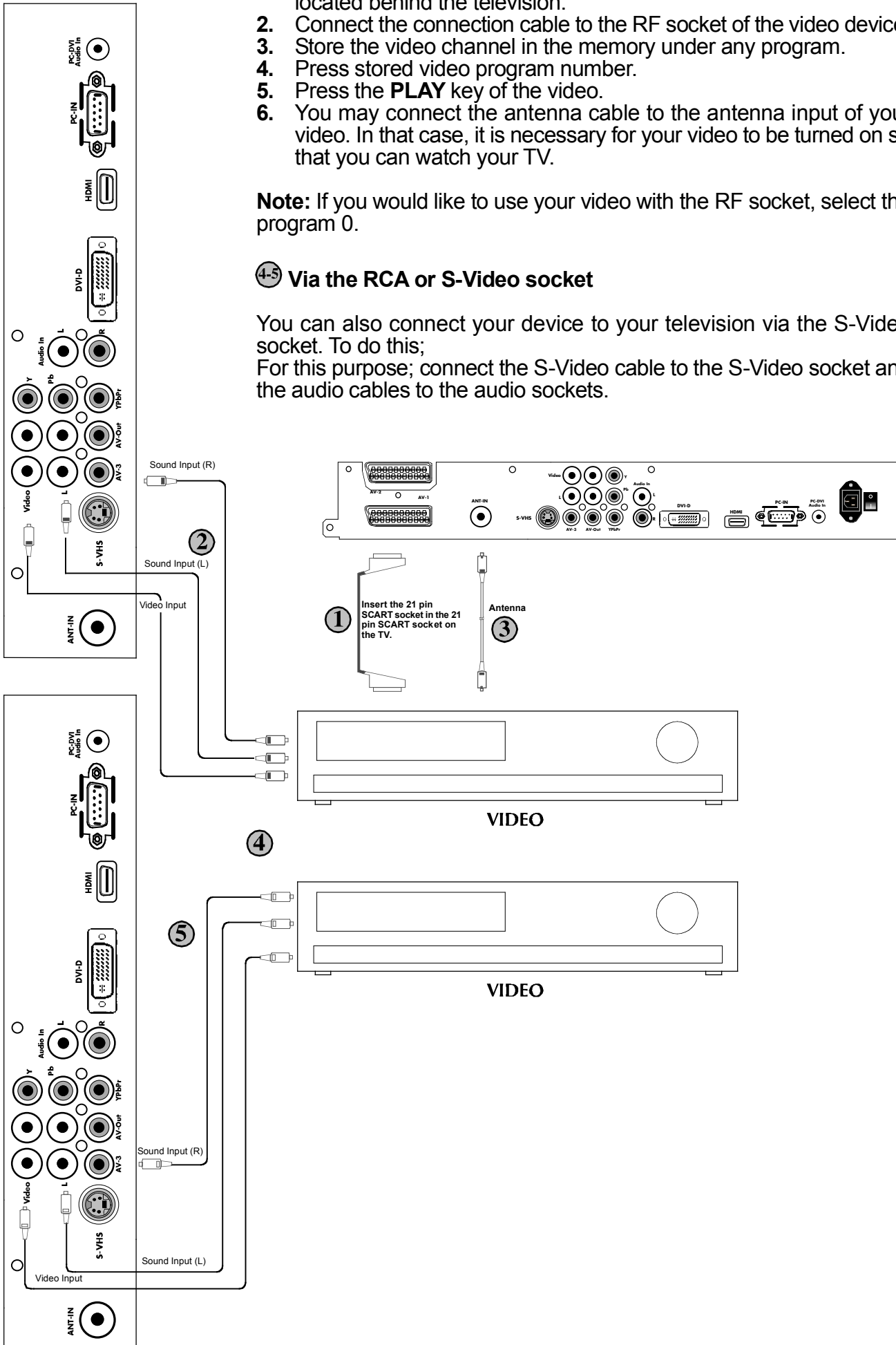
③ From antenna input

1. Connect the RF out socket of the video device to the antenna input located behind the television.
2. Connect the connection cable to the RF socket of the video device.
3. Store the video channel in the memory under any program.
4. Press stored video program number.
5. Press the **PLAY** key of the video.
6. You may connect the antenna cable to the antenna input of your video. In that case, it is necessary for your video to be turned on so that you can watch your TV.

Note: If you would like to use your video with the RF socket, select the program 0.

④-5 Via the RCA or S-Video socket

You can also connect your device to your television via the S-Video socket. To do this;
For this purpose; connect the S-Video cable to the S-Video socket and the audio cables to the audio sockets.



Connecting the DVD Player

① Via the SCART socket

Make sure that both the TV and the DVD player are turned off.

Insert one probe of the SCART cable (not supplied) in the back of the DVD player and the other end in the video and sound socket in the back of the TV.

Turn the DVD player and the TV on.

② Via RCA cable

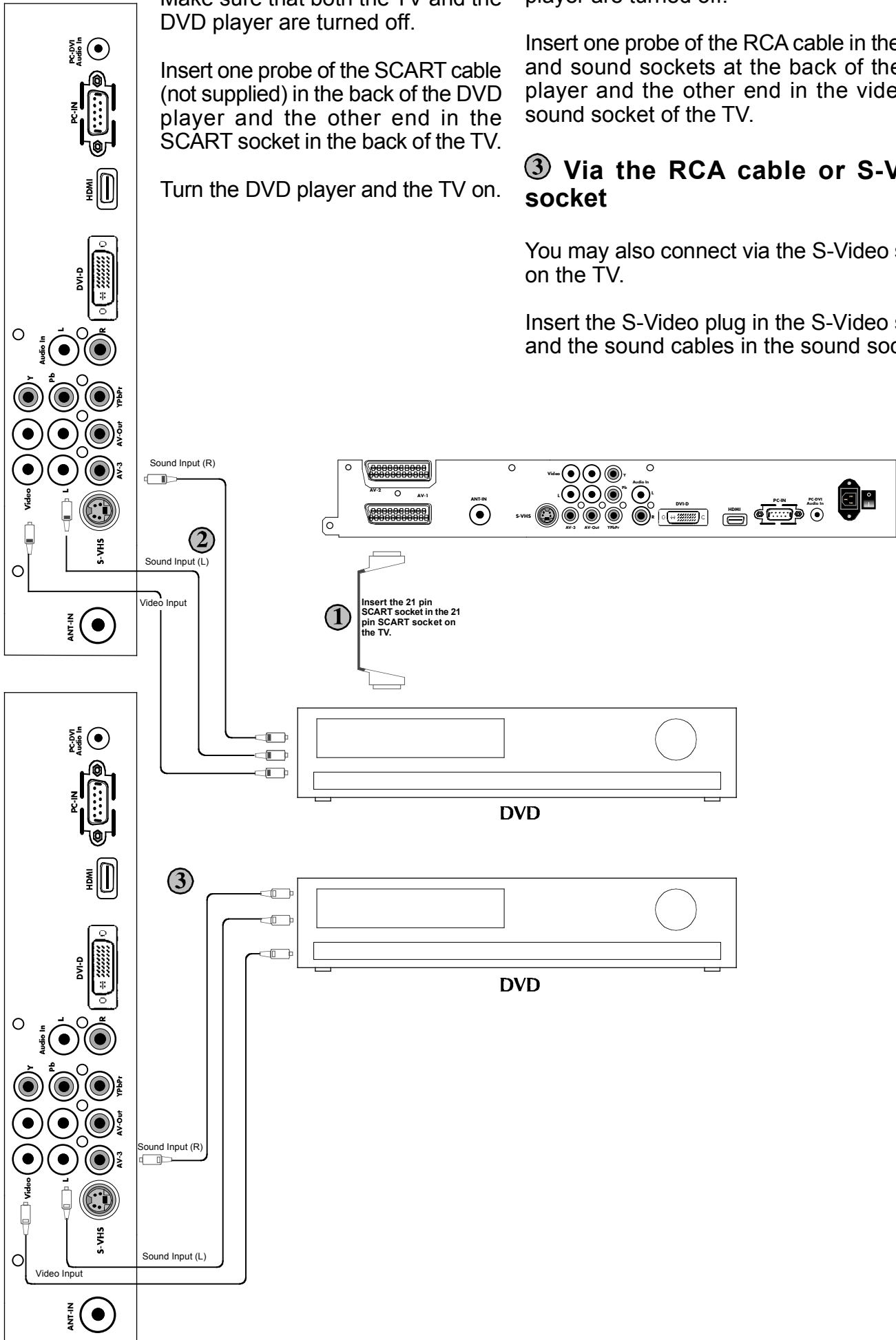
Make sure that both the TV and the DVD player are turned off.

Insert one probe of the RCA cable in the video and sound sockets at the back of the DVD player and the other end in the video and sound socket of the TV.

③ Via the RCA cable or S-Video socket

You may also connect via the S-Video socket on the TV.

Insert the S-Video plug in the S-Video socket and the sound cables in the sound sockets.

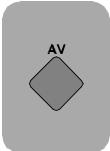


Connecting a decoder

① Via the SCART socket

Make sure that both the TV and the decoder are turned off.

Insert one probe of the SCART cable (not supplied) in the back of the decoder and the other end in the SCART socket in the back of the TV. Turn the decoder and the TV on.



Press the (◆) button on the remote control to select SCART1.

② Via RCA cable

Make sure that both the TV and the decoder are turned off.

Note: For decoder connection via RCA, the Decoder device should have an internal adjuster.

Insert one probe of the RCA cable in the video and sound sockets at the back of the decoder and the other end in the video and sound socket of the TV.

DVI-D connection

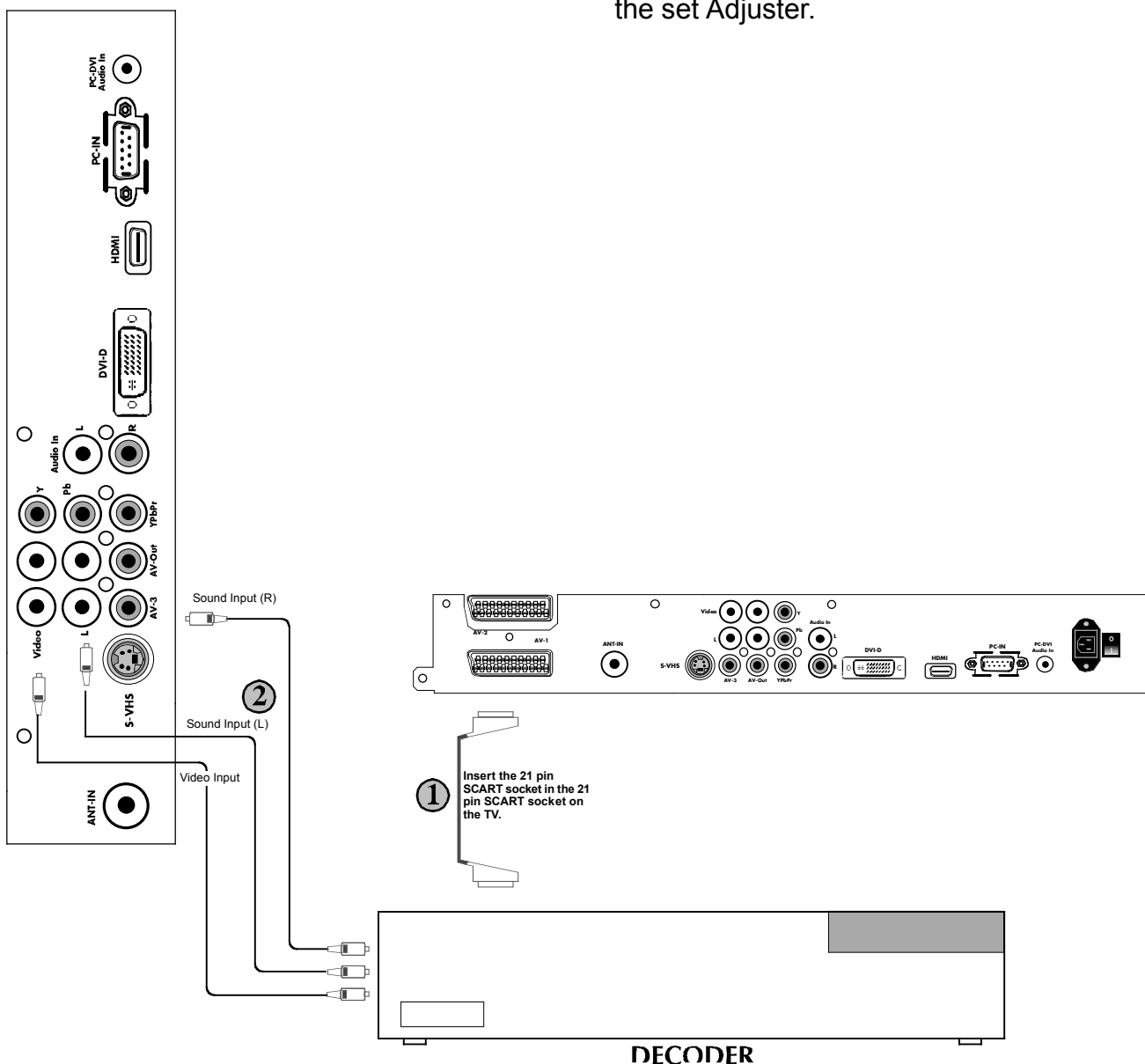
Your television has a DVI-D socket. You may connect devices with DVI output such as computers with a proper cable. You may also listen sound from the connected device.

Computer or DVI are connected to the PC-DVI/AUDIO IN (computer-DVI/Sound input) input on the back of your television with a cable.

AV Sockets

Using a proper AV cable, you may connect any suitable devices to Phono inputs by means of the Phono Video and Sound Inputs at the back of your TV. Any program displayed on the main screen or AV input, except S-VHS, computer or DVI (optional), are available on Phono Video/Sound outputs as image/sound signals.

The Scart socket at the back of your TV set always give the program signals selected from the set Adjuster.



INPUT

Since your 42" 16:9 PDP-television equipment has VGA inputs, it may also be used as a PC monitor (Fit&Play).

Connecting the Computer:

Connect your PC to the PC-IN (computer input) at the back of your television via the D-Lower socket and a proper cable (not supplied with your television).

You may also connect the sound output of your PC to the PC-DVI/AUDIO IN input at the back of the television via a proper cable and listen to sounds.

Switching to PC mode

Press the (◀) button on your remote control to switch from PDP-Television to monitor (PC) mode. To restore to television mode from PC mode, use the (▶) button on your remote control.

The PC connection you will establish on the video divider might deteriorate picture quality for the PC mode.

PC Input Settings

In PC mode, you may return to image settings menu by pressing (▶) or (◀) button. To make the necessary settings in this menu, you may use the right-left, up-down (◀)/(▶) (▲)/(▼) on your remote control.

You may set the Brightness and Contrast as well as the monitor as listed below:

H. Position: Horizontal position setting

V. Position: Vertical position setting

STAGE: You may set the colour and shape by using right/left (▲)/(▼) buttons.

Image Format: You may select one of the Automatic, 4:3, 16:9, Subtitle, Letterbox, Panorama formats as PC view image.

You may select using the format button on your remote control without entering the picture menu.

Automatic Configuration: The most proper geometric setting according to the access mode is configured via this function. Select AUTOMATIC CONFIGURATION for this application and press the (DVR/RECALL) button. You may use the PIP feature in PC mode as described in the previous sections.

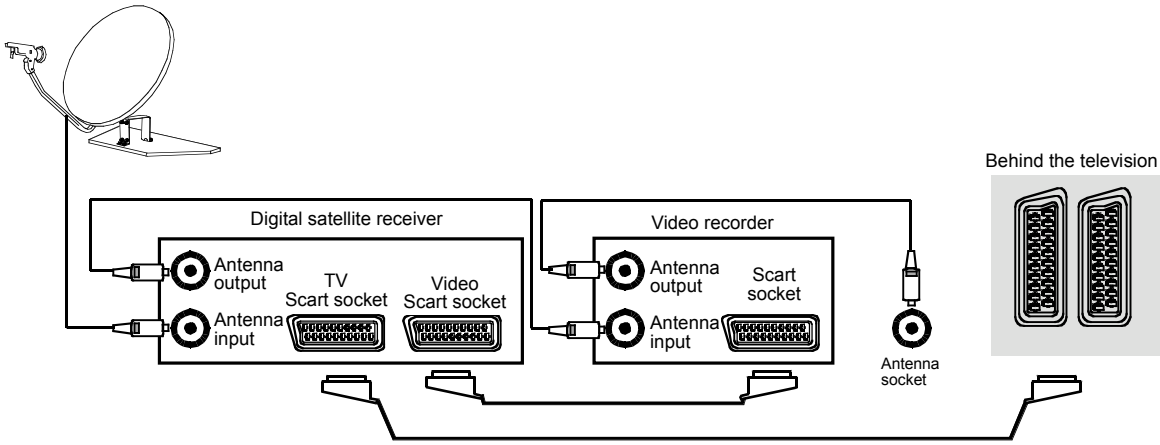
You may adjust the sound of the device you have connected to the Sound Input at the back of the television by using (VOL+), (VOL-) or (MUTE) buttons.

Transition to the DVI mode

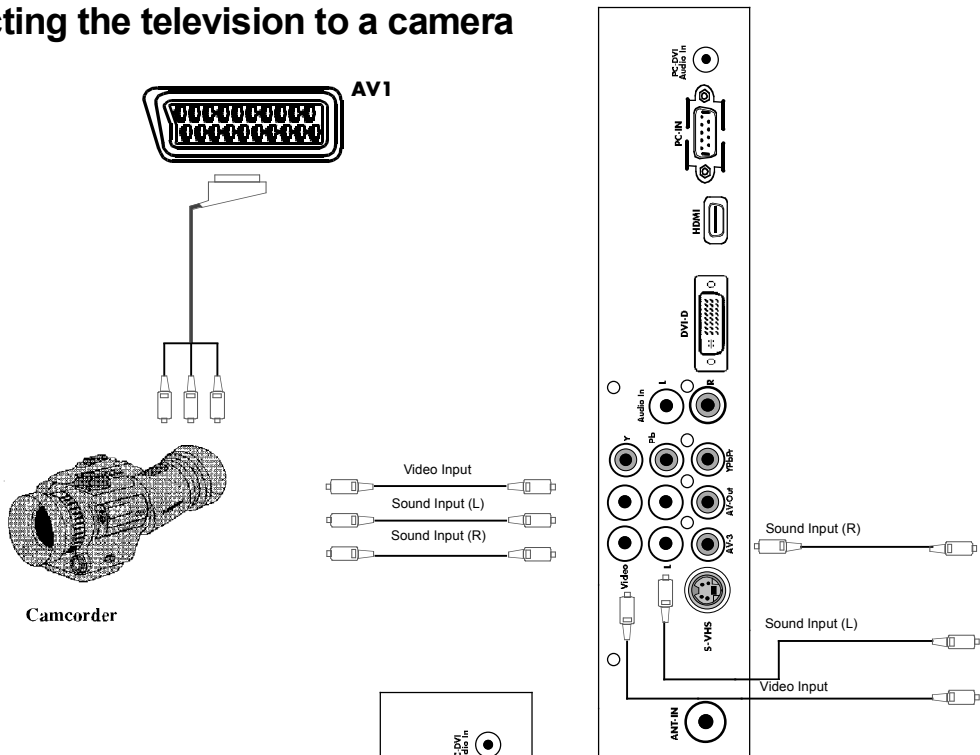
Connect your computer or digital video device via its socket and a proper cable (not supplied with the television) to the DVI input on the back of your television. You may also connect the sound output of your PC or sound device to the PC-DVI/AUDIO IN input at the back of the television via a proper cable and listen to sounds. **Please note:** To watch images in DVI mode, your PC should have a graphic card with DVI output.

The settings in DVI mode are the same as the PC mode. However, **automatic configuration** will not function in this mode.

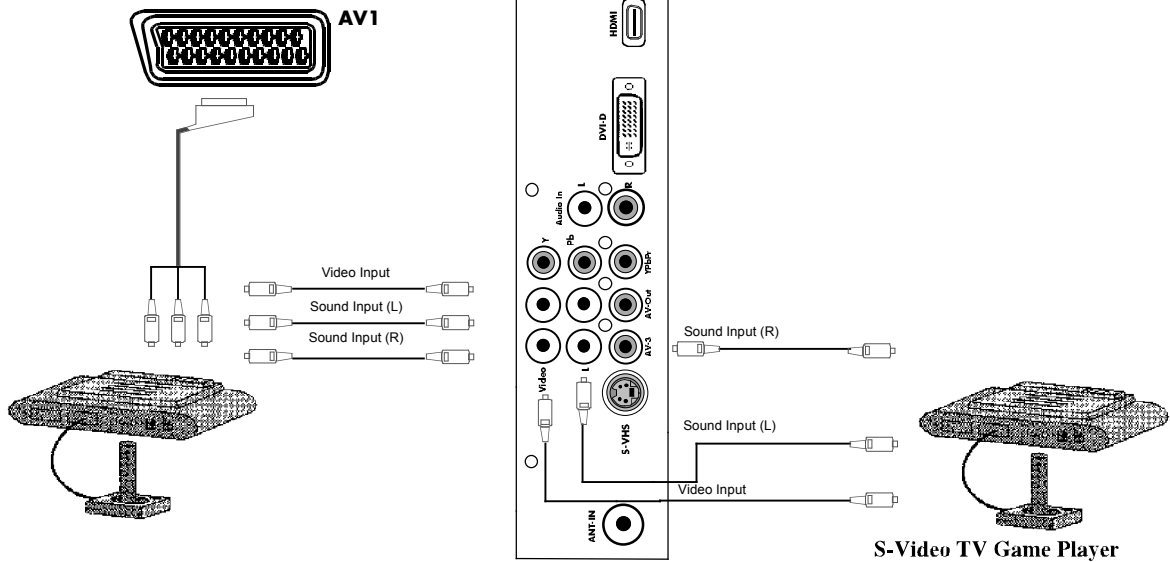
Connecting the television to video and satellite/digital receiver



Connecting the television to a camera



Connecting TV games and PC



Error Analysis and Recovery

ERROR

Complete screen fault although the mains lead is connected and the device is on with network key and the remote control.

POSSIBLE CAUSE

- Power supply has been cut
- Faulty fuse
- Faulty mains lead

POSSIBLE RECOVERY PROCEDURE

- CALL the service support line.

ERROR

Dark screen

POSSIBLE CAUSE

- Contrast setting too low.
- No input signal

POSSIBLE RECOVERY PROCEDURE

- Adjust brightness and/or contrast correctly.
- Connect the cable correctly and check the video source.

ERROR

No colour or excessive colour

POSSIBLE CAUSE

- No signal from the PC for missing colour
- Bad signal connection

POSSIBLE RECOVERY PROCEDURE

- Check the PC/video source
- Connect the cable properly

ERROR

No/Bad vertical and/or horizontal synchronization

POSSIBLE CAUSE

- Bad connection of the synchronization lines
- Bad signal connection

POSSIBLE RECOVERY PROCEDURE

- Screw the plugs and sockets in use correctly
- Check the separate video connection lines

ERROR

The remote control does not function.

POSSIBLE CAUSE

- Empty batteries
- Blockage between the remote control and the sensor.
- Remote control is out of operation range.

POSSIBLE RECOVERY PROCEDURE

- Insert new batteries.
- Remove the blockage between the remote control and the sensor.
- Operate the remote control in the given range.

ERROR

Displayed image too dark.

POSSIBLE CAUSE

- Image screen quality not set properly

POSSIBLE RECOVERY PROCEDURE

- Correct the image brightness and contrast.

ERROR

No signal on the screen.

POSSIBLE CAUSE

- You have selected the wrong input channel.
- **The screen cannot be operated with the given signals.**

POSSIBLE RECOVERY PROCEDURE

- Switch to the proper input.
- Adjust the signal to the proper format.

ERROR

Single letters are not displayed (In PC Mode)

POSSIBLE CAUSE

- Switch to the proper input.
- Adjust the signal to the proper format.

POSSIBLE RECOVERY PROCEDURE

- Adjust the proper phase position.
- Check the image size setting.
- Carry out automatic adjustment.

ERROR

Horizontal lines in TV or Video signals.

POSSIBLE CAUSE

- The signal source is in front of the screen.
- Video cable protection is insufficient.

POSSIBLE RECOVERY PROCEDURE

- Always place the signal sources next to or behind the screen.
- Use only high quality signal cable with higher screen damping.

Repairs

Do not repair the screen yourself! Otherwise, your guarantee will be invalid in addition to personal risk.

In case there is an irreparable error, please call the Service Support Line. It is possible to repair your device fast and for low cost thanks to the modular design of the screen. Any intervention to the device apart from the private external adjustments, especially the removal of protective covers should be performed by the trained personnel in accordance with VBG4 (Accident Prevention Regulations, workplace safety).



WARNING

Of course, the complete screens may be sent to the manufacturer for repair. For this, please include the information below about your screen:

1. Description of the Fault

Describe the exact symptoms in detail as much as possible. If the fault occurs from time to time, please include this in your description.

2. Certain expressions

Please specify in the return forwarding if your device was modified or adapted previously. For the previous adaptation, if you do not want this adaptation to be modified, please specify.

3. Invoicing

Please inform about the invoice type you want; merely, specify if you want an estimation before undertaking any financial responsibility before your device is repaired. In case no detail is specified for this purpose, the repairs will be performed according to the standard procedures.

Cleaning the Screen and Its Case

The dust accumulated on the screen and other filth affect image quality and be cleaned from time to time.



ATTENTION

Remove the mains lead before cleaning. Cleaning of the plasma screen may be divided into different areas.

1. Screen Surface

Wet the cloth with a glass cleaner not harmful to the environment (do not dip into water). It contains active substance (up to 98%) surfactant materials soluble in water. Glass cleaner cleans fingerprints, grease, dust and nicotine accumulation away. To prevent scratches, clean the screen in circular movements. Dry the screen with a second clean cloth.

2. Surface of the Case

It is recommended to clean the dust and filth from the case with a feather dust cleaner beforehand. Feather dust cleaner should be made of non-conductive material such a plastic or wood. Wet the cloth with a glass cleaner not harmful to environment and/or antistatic plastic cleaner (do not dip into the water). It cleans the surface and also protect against electrostatic charge, which is one of the main reasons of dust accumulation on the screen. Pursuant to the EU recommendations, this cleaner contains surface active material less than 5%, alcohol and little amount of smell. Pursuant to GelStoffV (regulations of dangerous substances), these cleaning agents are named as flammable material; however, according to VbF (regulations of flammable fluids), they are not flammable.

Return Statement

The supplier firm is aware of the gradually increasing importance of protecting the environment and preventing waste. Even at the beginning of product development, great importance is attached to the effective use of reusable components and the product's easy decomposition at the end of its service life. The modular design and the materials used in the colour plasma screen makes it possible to decompose the fine components, which is deemed to be precondition for recycling.

We warrant that we will take return of the plasma screen at the end of the product's service life. We will provide sufficient recycling of all the components or transfer the components to a waste treatment facility for the protection of our environment. For detailed information, please contact our service department.

Technical specifications Table

Picture tube size/type	42" 16:9 Plazma Display Panel
Sound Output Power (10% THD)	2x5 W
Power Consumption	275 W
Stand-by Power Consumption	2,5 W

General technical specifications

Power Supply-AC:	230 V 50 Hz
Number of the preset programs:	100
RF Antenna input:	75 Ohms (coaxial)
Loudspeaker impedance:	4 ohm
Sound Systems:	Mono/Stereo/NICAM
Batteries:	2xUM-4, IEC R03 or AAA 1.5
Receiving channels:	VHF (Band I Channels 2-4)
.....	VHF (Band II Channels 5-12)
.....	UHF (Channels 21-S41)
Received broadcasting systems:	Pal BG
	Pal SECAM BG
	Pal SECAM BG DK/DK'
	Pal SECAM BG LL'
	Pal I

Note: Your television has been manufactured in accordance with your country by selecting from among the above mentioned broadcasting systems and this system cannot be changed by the user except the case described below: In countries where BG/DK and BG/LL' broadcasts are done (BG or DK / BG and LL'). For further information, see the settings part about your television.

WARNING:

This is a A class product. This product may cause radio interference in the house environment; in such a case, the user may have to take the necessary measures.